

Table B-2a. Federally financed R&D expenditures at universities and colleges, by character of work: fiscal years 1953-2001

[Dollars in millions]

Fiscal year	Total	Character of work			
		Basic research		Applied research and development	
		Amount	Percent of total	Amount	Percent of total
1953	138	--	--	--	--
1954	160	--	--	--	--
1955	169	--	--	--	--
1956	213	--	--	--	--
1957	229	--	--	--	--
1958	254	--	--	--	--
1959	306	--	--	--	--
1960	405	--	--	--	--
1961	500	--	--	--	--
1962	613	--	--	--	--
1963	760	--	--	--	--
1964	917	--	--	--	--
1965	1,073	--	--	--	--
1966	1,261	--	--	--	--
1967	1,409	--	--	--	--
1968	1,572	--	--	--	--
1969	1,600	--	--	--	--
1970	1,647	--	--	--	--
1971	1,724	--	--	--	--
1972	1,795	1,420	79.1	375	20.9
1973	1,985	1,454	73.2	531	26.8
1974	2,032	1,523	75.0	509	25.0
1975	2,288	1,695	74.1	593	25.9
1976	2,512	1,841	73.3	671	26.7
1977	2,726	2,007	73.6	719	26.4
1978 ¹	3,059	--	--	--	--
1979	3,598	2,577	71.6	1,022	28.4
1980	4,098	2,861	69.8	1,237	30.2
1981	4,571	3,260	71.3	1,311	28.7
1982	4,768	3,402	71.3	1,367	28.7
1983	4,989	3,547	71.1	1,442	28.9
1984	5,431	3,830	70.5	1,601	29.5
1985	6,064	4,343	71.6	1,722	28.4
1986	6,712	4,868	72.5	1,844	27.5
1987	7,343	5,375	73.2	1,968	26.8
1988	8,193	5,678	69.3	2,515	30.7
1989	8,991	6,195	68.9	2,796	31.1
1990	9,638	6,648	69.0	2,990	31.0
1991	10,234	7,127	69.6	3,107	30.4
1992	11,093	7,718	69.6	3,375	30.4
1993	11,957	8,398	70.2	3,559	29.8
1994	12,646	8,875	70.2	3,771	29.8
1995	13,328	9,395	70.5	3,933	29.5
1996	13,836	9,864	71.3	3,972	28.7
1997	14,309	10,310	72.1	3,999	27.9
1998 ²	15,145	11,844	78.2	3,301	21.8
1999	16,071	12,630	78.6	3,440	21.4
2000	17,508	13,808	78.9	3,700	21.1
2001	19,191	15,017	78.3	4,174	21.7

¹ Separate data for basic research and applied research and development were not collected for fiscal year 1978.

² Basic research statistics were re-estimated for FY 1998 and forward.

KEY: -- = not available

NOTES: R&D expenditures by character of work are based on estimates of basic research provided by universities and colleges.

Because of rounding, detail may not add to totals.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, Fiscal Year 2001